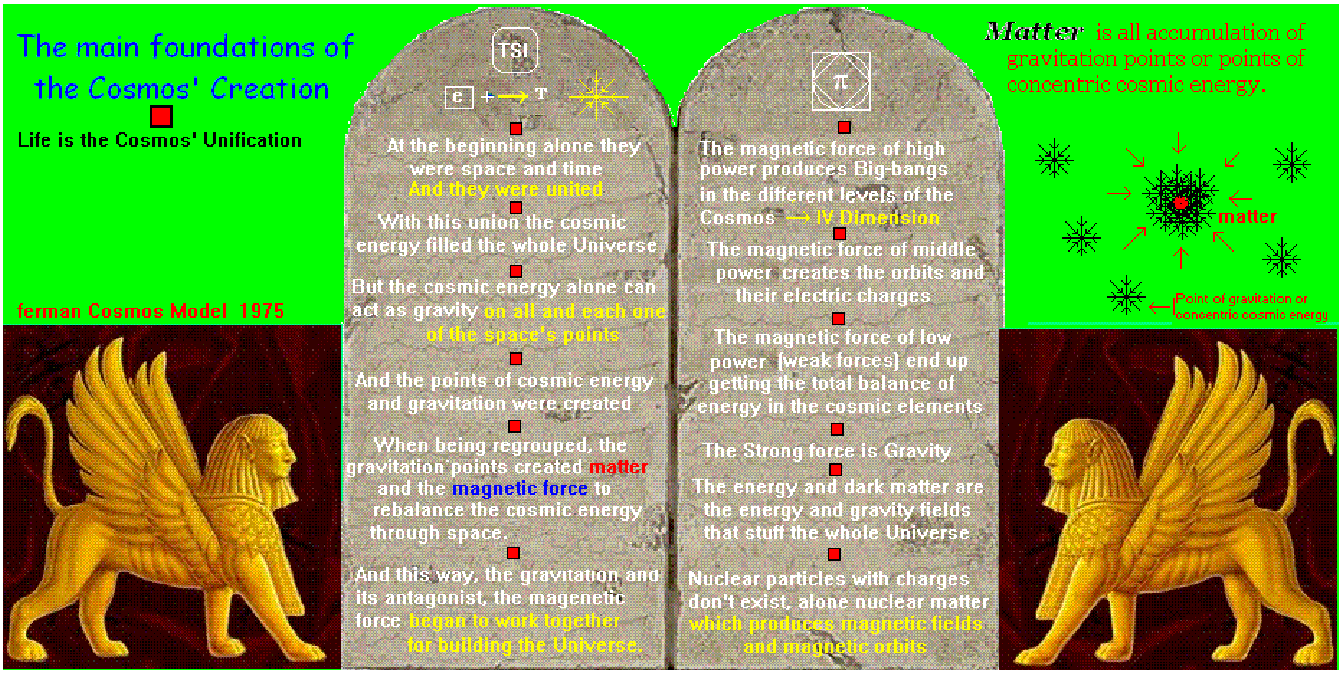
Main foundations of the Cosmos' Structuring

Of ferman: Fernando Mancebo Rodriguez---

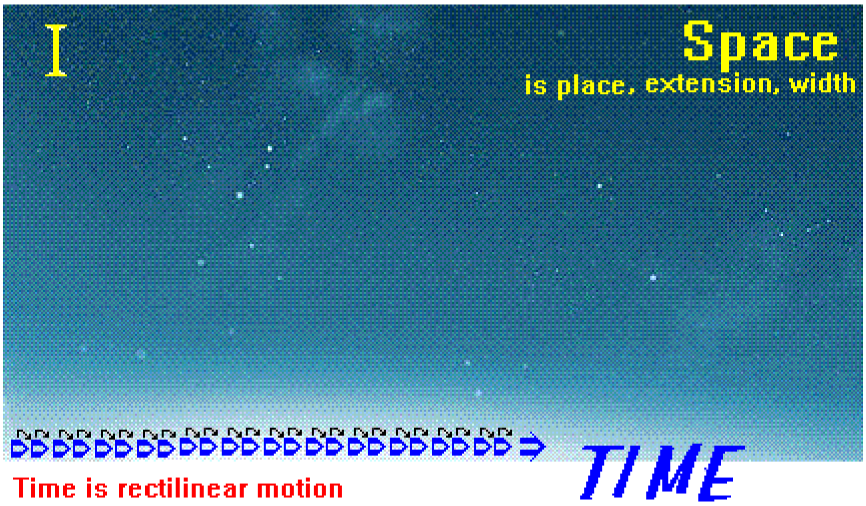
Phases of the Cosmos' Creation

Simplified explanation



This work tries to extract and simplify the foundations and phases of the Cosmos' creation, exposed in my cosmic model, with object of satisfying to anybody that don't want to follow up in the topic but to acquire a shallow idea of what are the Cosmos' physical principles.

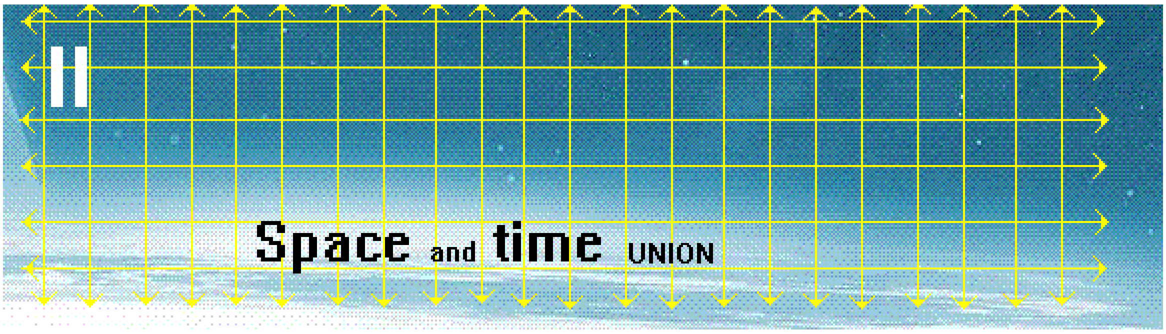
For it, I will expose here these as simple physical principles, expressing them in numbered and summarized way:



Two are the basic physical elements of the Cosmos: Space and time.

A) Space is a primary physical element with characteristic of extension, width, place, container, etc., that is to say, the scenario where all the cosmic creativity will be developed.

B) Time (or **Universal Motion**) is the second basic element of the Cosmos that is manifested and expressed as rectilinear movement, succession and exchange of all and each one of its points for the previous one forming the concept and capacity of rectilinear motion.
* The time that we observe is really a resulting parameter of the Universal Motion.



The Cosmic Energy as resultant of the union of space and time.

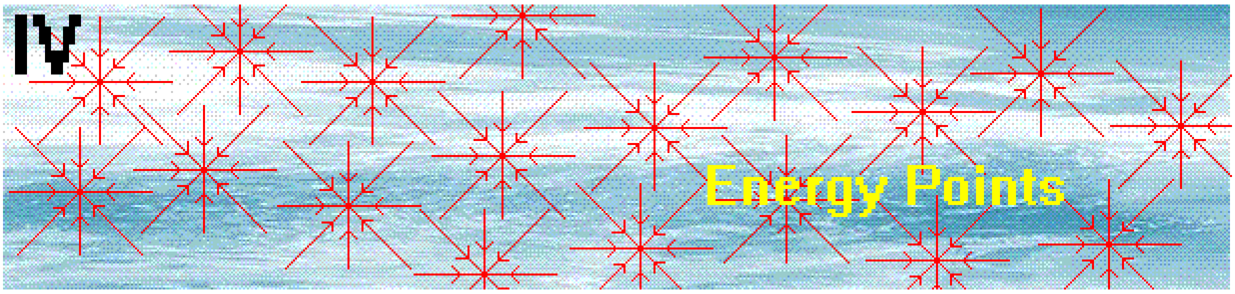
Space and time alone, separated some from other one, for themselves, they cannot build anything neither to show on anything.
Therefore for the cosmic structuring space and time must unite to form an element made up with the properties of both.
This way when the union of space and time takes place this gives us as result a new element with the qualities of both, which is manifested as rectilinear and continuous motion in all and each one of the points and places of space.
And this rectilinear motion and its capacity to be applied to all and each one of the cosmic elements, is to what we call Cosmic Energy.



The Gravity, as the unique possible way of actuation of the Cosmic Enery.

The cosmic energy when being rectilinear movement in all and each one of the points, lines and directions possible of the cosmic space, this motion has the particularity of being annulled in all the directions of the space since whenever a motion line toward a certain directions exists, another energy line in the same direction but in contrary sense will also exists.
Nevertheless, the characteristics of the space make that yes, a direction exists in which the cosmic energy can act and manifest its qualities. And not alone it can act and be showed, but also to be added and summed to compose energy points, energy fields, and later on, matter and material accumulations.
And this direction is the concentric direction toward each of the space's points.

That is to say, all the energy lines that go toward any point of space, and as they go coming closer to this central point, they have to go uniting themselves, being intertwined, adding, and composing an energy system of lines and energy fields with direction to that concentric point in the space.
Because well, to all those crisscross energy lines in their motion and concentric performance, as well as to the energy fields that they form, it is to what we call Gravity.
Therefore Gravity is alone that; the cosmic energy in its unique and possible form of actuation: Its performance and development in concentric way on any point of space.



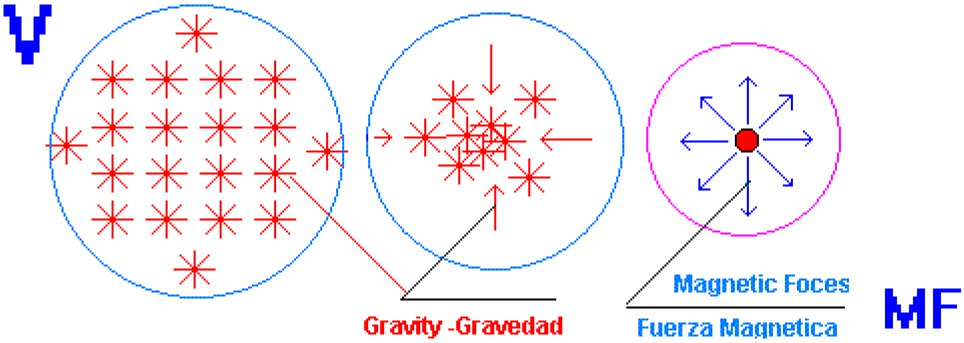
Energy points

The energy points are therefore the first formation and concentration of the cosmic energy, to which in their concentric performance we call it Gravity.
This way in the infinitely small places of the cosmic space is where the cosmic energy is transformed into energy points, those which later on can accumulate themselves to form matter.
Because well, these energy points when being formed by energy fields (also forces) in concentric direction makes that some points are attracted and join among them proceeding to form masses of energy points every time bigger, and as we will see, the same nature of the energy points makes that all that is constituted by them conserve and have the property of being attracted mutually, say, of containing and promoting the gravitational actuation.

Now then, if all the points and conglomerate of energy points try to unite, then the Universe would have become a single energy conglomerate, something similar to which the current physicist would define us as the pre-Big-Bang.

But it cannot be this way, since in this supposition the space would have disappeared and it is not possible since space it is a primary physical element with properties and characteristic previous and supportive of the same energy and the constituted energy points.

So the forced question would be then:
Who does prevent to all the energy points of the Cosmos to accumulate all in a single central conglomerate of energy?
Because the Magnetic Force, naturally: The powerful force that organizes the whole lattice of the cosmic systems.



The Magnetic Force, or Energy Rebalance Force in space.

Let's stop a moment to revise the process of union of the energy points.
If in a certain place of the space and distributed on it an important quantity of energy points would exist, those which for their mutual attraction unite themselves to form a small central conglomerate, we would see that here two important things happen:

A.- The first one is that around the central conglomerate, where before there were energy points, now it is empty.
B.- And the second that in the centre where before there were few energy points alone, now there are a lot of these points.

In such a case this would be an untenable position due to the centre or nucleus has a lot of surplus and super-pressured energy and in the periphery the space-time that existed has disappeared.
So of this cause and situation a force of rebalance character is born, with double sense or "polarity":

--In the nucleus this rebalance force will work toward the "explosion" of this conglomerate for distributing the energy in its natural place and measure again (the periphery).
--And in the periphery a rebalance force of energy "suction" will begin to act for balancing and cast newly the energy in its natural place and to get the necessary medium of energy that the Cosmos contains.

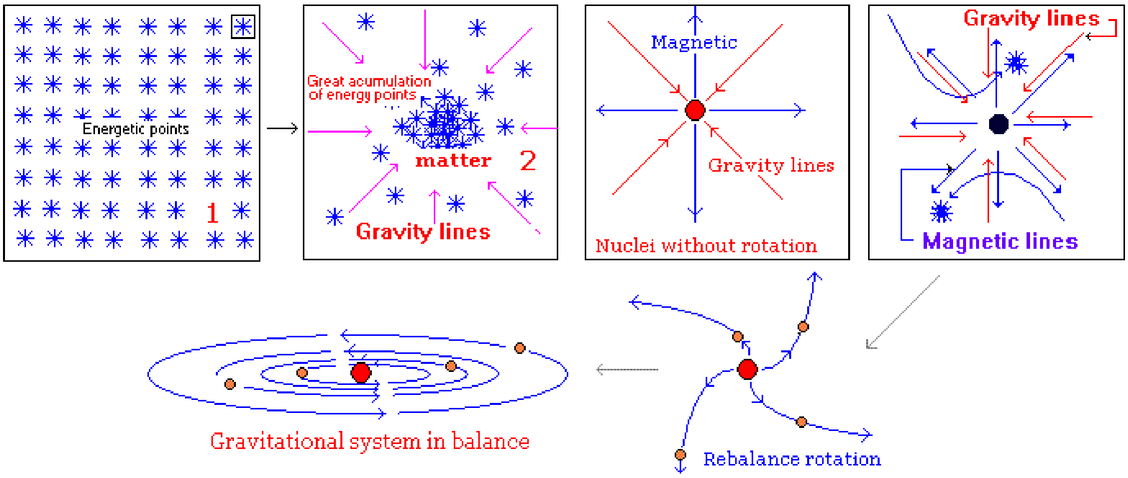
In term of equality of pressure in the fluids, we would say that the difference of pressure between the holes of space-time of the peripheries and the great pressure of their central nucleus, creates a great force of cosmic allotment and energy rebalance to which we call Magnetic Force.

Therefore, from all accumulation of energy points, and as we will see later from all matter accumulation, a rebalance, allotment and cosmic structuring force is born, to which we know as Magnetic Force.

This magnetic force, as we will see, acts at any level and in any place of the Cosmos and according to the places, potential, polarity, orientation, etc., it receives different name in physics.
This way in variety of particles the magnetic force takes the name of pro-anti (particle and its anti-particle).
In the structuring of atoms we denominate it as "electric charges"
In the orientation of the atoms in a material we call it "magnetic fields"
In the polarity of materials due to grouping of atomic ions we call them "electric fields"

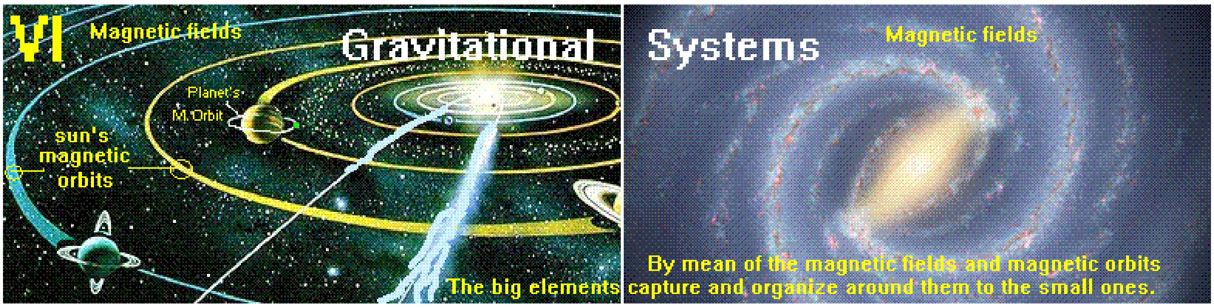
Even in the emission of particles through space, where the magnetic fields (of the material for where the particles circulate) are unbalanced, we call them electromagnetic waves.
And as we see later, the Magnetic Force of High Potential also exists, which destroys and reconstructs the gravitational systems that surpass the allowed energy level. (Uranium, supernovas, etc.)

But it is always the same source and reason of being, the Magnetic Force in its different performances according to the place and the material systems that there exist.



This way,
The Magnetic Force, antagonistic to Gravity, is a field of force that acts around all accumulation of masses, and whose mission is to watch over, to keep and to organize the whole periphery of the big accumulations of mass.
Its mission is the one of building orbits, those which attract and locate to other smaller accumulations of masses to create a "stuffed" periphery of matter and fields of force, being able this way the balance of the half density of energy that must exist through the Cosmos.
When this is not gotten, if the accumulation of masses is relatively of big dimensions, an explosion of this accumulation takes place, or instead, a successive emission of mass radiation to gets finally the necessary balance of energy: Law of Universal Balance.
Likewise, this Magnetic Force, by means of its fields and magnetic orbits, is the one that organizes and directs the interrelation among all the cosmic elements such as particles, atoms, molecules, etc.

Then, we can say that:
The magnetic force represents and exercises the rules and language of interrelation among the cosmic elements such as nuclei, electrons and neutrinos; big particles, accompanying-particles, energy particles; atoms and molecules; suns, planets and satellites; stars and galaxies, etc., by means of the distribution and appropriate location among these elements, according to the magnetic power of each one of them (the big one captures and locates around it to the small one).



The gravitational systems.

Well, if two antagonistic forces exist in the Cosmos as they are the Cosmic Energy that tries to unite and accumulate energy points, and in front of this its antagonist the Magnetic Force, which contrarily tries of redistributing this energy for its initial and natural space, we would wonder: Which would be the consequence?
How is possible that the Cosmos and all the cosmic creativity can subsist?

Well, I would say because they are very understanding and respectful the one with the other one; the Cosmic Energy with the Magnetic Force.

In this context the Cosmic Energy could tell to the Magnetic Force:

EC. "Well, if you don't allow me joint the energy points, you neither will have existence nor performance, neither you will be able to manifest your qualities in the Cosmos."

And the Magnetic Force, very intelligent, comprehensive and good speaker would tell to the EC:

FM. "Of course, I allow you to unite energy points, form conglomerates of points and materials, etc, but your work will have to respect some norms and rules that don't go against my own essence and normative."

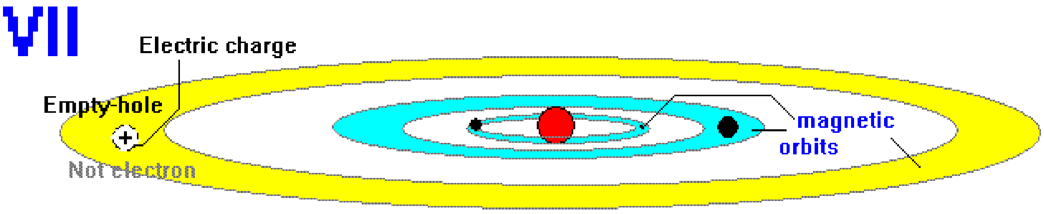
EC. "And which will be those norms and classification that I must complete."

FM. "Because working in the union of energy points, formation of materials, creation of material systems, etc. but following some structural norms that I will go giving you always and in each moment, so that, the results are the most adequate for the Cosmos' creativity."

FM. "In this sense, when you accumulate materials, I will distribute appropriately these material in the space, in such a way, that any creation maintains el adequate allotment of energy through space.
This way, you will be able to create central nuclei with big energy accumulations and then I will build and order orbits around these nuclei so that locating in them to other small matter accumulations, the whole space and volume occupied by the resulting system is same or approximate to the one that before occupied the energy points distributed in their initial places.
This way you accumulate energy and create materials and I cast, fit and build them under my own guidelines."

And this way the Magnetic Force works building the gravitational systems (sub-atoms, atoms, stars, supra-stars, etc.), which are the main material units of the Cosmos.

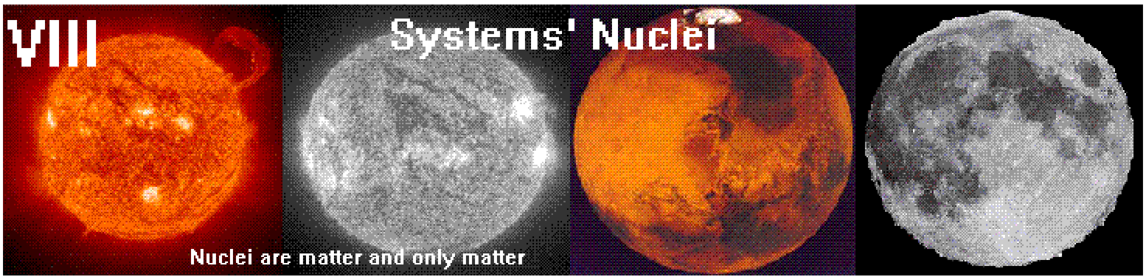
But besides these authentic gravitational systems, many other gravitational pre-systems exist as they are particle-accompanying particle; lepton-neutrino; planet-satellites; galaxies; and of course and to very low levels of the Cosmos, photons.



The electric charges.

The Magnetic Force told us that in atoms "she" would go building, fixing and distributing to the necessary orbits in each atom to structure it adequately, so that, all its particular space around the nucleus was watched over, kept and protected by orbits occupied by electrons (or planets to our level) for this way to fix the space and necessary volume to get the balance of energy inside the atom with relationship to which would belong if all the energy points were completely redistributed through this atomic space.
Now well, when being a certain number of orbits in each atom, each orbit has to represent a charge.
Therefore each potential orbit where an electron lacks to be compensate, will represent a magnetic orbital force of potential + 1.
(+ mean magnetic orbital charge of attraction to be compensate)
Then an electric charge of potential 1, it is reality the magnetic force that exercises an atomic orbit.
In this case, if a magnetic orbit not occupied exists in an atom, this orbit exercises a magnetic force of attraction toward any electron that is in its proximities.

But of course, is not directly the atomic nucleus that attracts electrons toward itself, but the magnetic forces that contain the orbits are those that attract on themselves to the electrons.
(Under normal conditions, a nucleus of hydrogen will never attract lost electrons on itself, but rather it will be its magnetic orbit the one that attract and capture the electron directly. And always at the same distance)
So the magnetic potential is and acts always from the magnetic orbits of atoms.

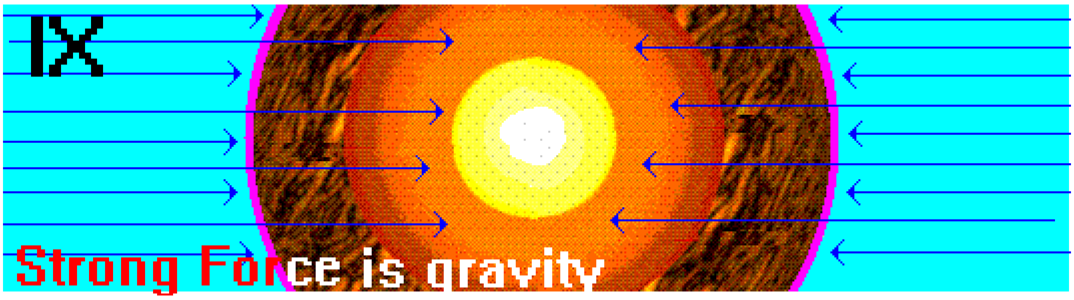


The atomic nuclei.

Contrarily to what today is accepted, the nuclei of the gravitational systems (sub-atoms, atoms, stars, supra-stars, etc.) are much simpler and they alone contain matter accumulation, as before we said.
Therefore the nuclei are matter and simple matter.

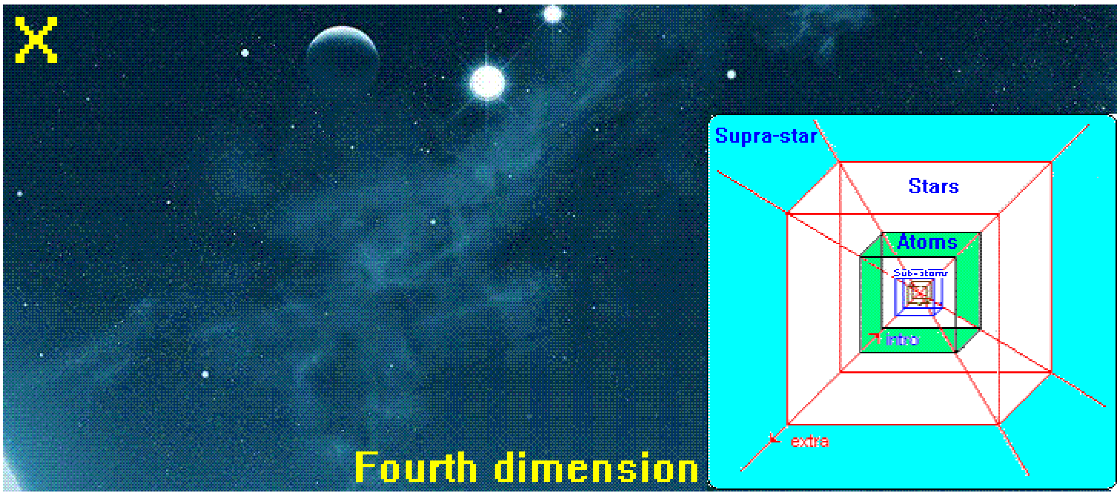
So particles perfectly differed as protons, neutrons, quarks, etc., don't exist.
In the same sense, neither specific force such as the Strong Force nor electric charges exist.
The Strong Force it is simply Gravity, unique force in the nuclei (and around them) of the systems, apart from the resultant Magnetic Forces that is expanded and controls the structure of the systems.

Therefore and repeating, the nucleus is matter and simple matter:
"See you a solar nucleus, and an atomic nucleus will be seen; sees you a planet, and an electron will be seen."



The Strong Force.

As we have said the Strong Force doesn't really exist, it is simply the Gravity Force.
Then why we believe in its existence?
Because it becomes necessary if some erroneous premises are accepted such as positive electric charges exist in the nuclei of atoms to which is necessary gather somehow; and such premises as that the gravity in atoms is very weak.
This last asseveration is born of the tests of gravitational attraction among materials.
But this tests have been carried out inside big gravitational fields as for example on the earth, and inside these fields, and as it is logical, all the existent forces sink and alone they act jointly as a single resultant force, the force of total gravitation of the earth. 9,8.
So the apparent result is that the atomic gravity is minimum, however if we notice in whole the Cosmos, we see as the stars of the galaxies are attracted mutually from millions of light-years, and this is not consequent with minimum gravity in atoms.
Therefore, and as we will see later in the following points, the Gravity or way of performance of the Cosmic Energy is enormous and occupy wholly the Cosmos, and in fact in this high potential it is in what the Dark Energy and Dark Matter of the Cosmos consist; definitions that we have invented to replace to a Gravity that we postulate erroneously as delicate and weak.



The Gravitational Systems and the Fourth Dimension.

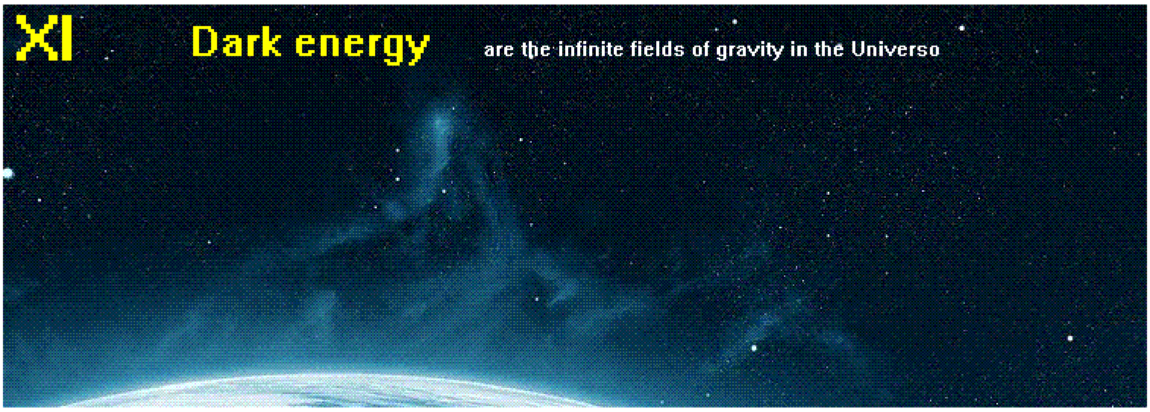
The Magnetic Force explained to the Cosmic Energy how they will build the cosmic creativity. For that, they will build and structure the Cosmos in gravitational systems, consistent on big central nuclei with orbital ones to their surroundings with object of maintaining the adequate balance of allotment of energy through the space.
Now then, these gravitational systems continued behaving as big energy points or matter in the Cosmos since they continued containing the gravity as element of cohesion.
Therefore these gravitational systems could also unite and to be added to form bigger masses, which would also have to follow the norms of the Magnetic Force for forming bigger systems also with nuclei and orbital ones around them.

As example of it we have atoms that are attracted by action of their own gravity, and they can joint to form superior and similar systems, as they are the stars.
But of course, stars continue having the same properties and gravitational capacity and they can also to be attracted, to be added and form bigger systems than stars. In this case we would call them supra-stars.
* Galaxies are alone minimum pre-systems of about 10^9 stars, and supra-stars need about 10^{55} stars to be built.
Because well, to this whole structuring in exponential form of the energy and matter, it is to what we call Fourth Dimension, and on the formation of gravitational systems in exponential form from the infinitely small thing until the infinitely big thing consist:
Energy points............ sub-atoms, atoms, stars, supra-stars.........

Let's remember the 1 principle of my atomic model:

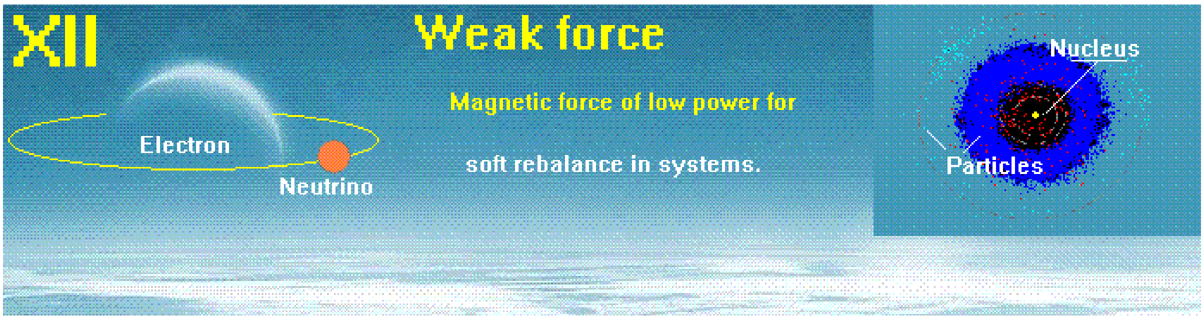
1.- Atoms non alone are similar to the solar systems, but rather they have the same principles, elements, structure, etc.
They represent different levels of the structure of the Cosmos in fact, but with the same properties, elements, forces, etc.
Therefore any mass, material or celestial body that we see at stars' level has its equal or equivalent at atomic level, and vice versa.

"See you a solar nucleus, and you will have seen an atomic nucleus."
"See you a planet, and you will have seen an electron."
"See you a moon and you will have seen a neutrino."
"See you a comet or meteorite and you will have seen a heating particle"
"See you a galaxy and you will have seen a cosmic ray of high power (-1) or a photon (-2)"
"See you the explosion of a Supernova and you will have seen a nuclear fission (-1) or a Big-Bang (+1).



Dark Energy and Dark Matter.

We saw at the beginning of the Cosmos' formation, when space and time fuse, the whole Universe becomes energy points whose only manifestation form and performance are the force and fields of Gravity.
Now well, in one almost infinite world the gravitation occupies everything; so that, gravity is everywhere and those empty holes in the space that apparently we see don't exist (for example, the spaces among galaxies), but rather they are full with gravitational force.
Of course that there are multitude of places where the gravitational fields are annulled when acting in different directions y contrary senses, but these gravity forces continue existing and acting on other places, situations and directions where their potential aren't annulled.
Because well, to this whole Cosmic Energy that is manifested by Gravitational fields of multiple directions is to what we call Dark Energy, which in fact is the Cosmic Energy in its gravitational way that occupies and stuffs all places of space.
So what would be the Dark Matter then?
Logically Dark Matter is all the material systems not visible for us, as sub-atoms, supra-stars, stellar systems not belonging to our galaxies, etc.



Weak Forces

One of the physical elements usually named in physics is the weak force.
This weak force is not more than a performance form of the Magnetic Force of low level in the balance of systems.
We could highlight two similar forms, although something different:

A. - The first one would be the force for the final and total rebalance of gravitational systems.
So this force is a low magnetic force to complete the quantity of energy of any system.
In this sense if we have an atom with their orbital ones complete and therefore the system in electric balance, we would wonder if this atom is in total balance and if with having its appropriate number of orbital ones it is enough for its complete balance.

Because not, the complete and good situation of the orbital ones never ends up satisfying the balance of energy of the atoms or systems completely, since it is possible that the nucleus contains more matter than the required for the number of electrons that contain, but not sufficient for capturing another electron.
In this case, it is necessary to stuff or expel particles (energy) to get the complete balance.
So, the weak Magnetic Force makes to acquire or expel particles and enough matter to get the total energy balance (i.e. the heat of reaction in chemistry.)
And of course, maintaining intact the number of electrons that the system contains.
For this, in the chemistry reactions for example, once takes place the interchange of electrons among atoms, the weak force has to act for completing the total magnetic balance, interchanging, acquiring or expelling material particles in the intervenient atoms.

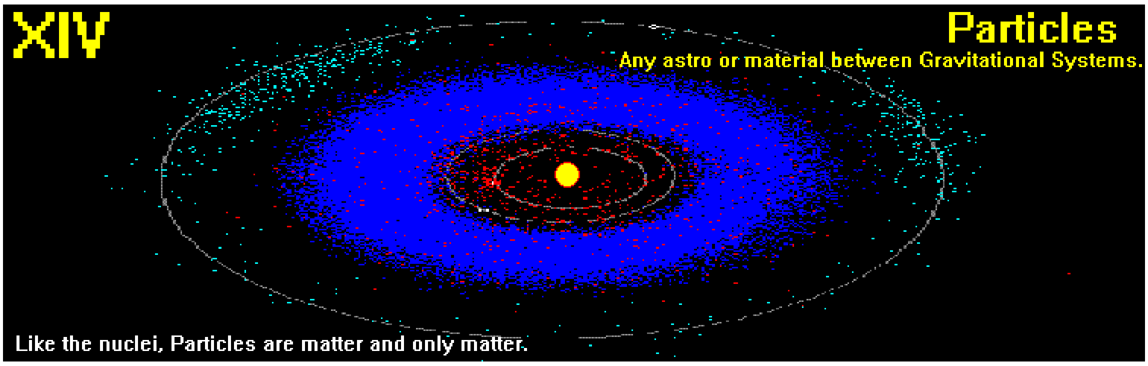
B. - The second would be a way of performance of the Magnetic Force in the pre-system to get the total rebalance among the big particles; to search and capture accompanying particles; etc.
This way for example, if we have a lepton or free electron (or not), this as all material accumulation also has and develops their magnetic fields that should be compensated and balanced with smaller orbital ones or accompanying particles.
Therefore, this lepton-electron can acquire by means of its weak magnetic fields the necessary orbital ones (neutrinos) to get bigger balance.
Because well all these performances are to what we call in general Weak Forces that are in fact performances of the Magnetic Force.
In general, we can say that the Weak Forces are the ones that have minor potential than the electric charges, and act in many y multiples circumstances; even they can act and to be recognized as magnetic polarity among particles.



The Big-Bangs

The Magnetic Force that structures the Cosmos acts at all the levels of the Cosmos. Therefore we could study it dividing it in three main levels:
Level of Low Potential: for instance, the Weak forces.
Level of Medium Potential: for instance, the Electric charges.
Level of High Potential: for instance, the Big-Bangs
To the Magnetic Force of Low and Medium Potential we have already seen them, and they are those that act as weak forces (XII) to complete and finish the balance of the matter accumulations, gravitational systems, etc., and those that act as structural forces (Electric charges VII) of the systems as for the construction of their orbits and the acquisition or cession of orbital ones.

But the Magnetic Force in High Potential also exists, which destroys to the big gravitational systems that have already surpassed the bearable level of accumulation of energy or matter in any system.
And it happens because the gravitational systems when going increasing their volume, they go acquire more and more cohesion, being compressed by reason of their great energy or matter accumulated since in these big systems the gravity is enormous, their spiral-winding also, and therefore their cohesion and compression make that these big system diminish their occupied volume ending up of being surpassed the energy balance that can support a system.
In this case the Magnetic Force doesn't have another remedy that to explode the system to reconvert into other smaller systems.
Logically this happens at any levels of the Cosmos:
At sub-atomic level, to where we cannot observe.
At atomic level, as they are the explosions of the big atoms, such as uranium.
At stellar level, as in the explosion of Supernovas.
And also at supra-stellar level, as it was our great Big-Bang from which we come out.
Consequently it is necessary to expose here that our Big-Bang was not the unique explosion of an energy accumulation in a point of the space, but rather it was the explosion of a great supra-star, which already contained stars and all matter type before their explosion.
Of course that from our supra-star's explosion and Big-Bang, and along of its long path, many stars have exploded as supernovas, others have changed and others have been born, that is to say, our particular universe has evolved from that great explosion, but it was never a point of high energy, but a supra-star that exploded.
In the same sense, we see that the Big-Bangs is infinite in the Universe and at all the levels of the same one.
Of course, that the current Big-bang theory, (according to which everything comes from a great energy explosion that would form the whole Universe) it is highly unsatisfactory and not very acceptable because of being this way, and to build more than 50 basic particles besides the electric charges, magnetism, gravity, etc., it would be necessary that next to this cosmic energy, other basic elements (more than fifty) like devices, transformers or "cosmic chromosomes" must to exist, the ones that had the information, structure and capacity to go building all and each one of these particles in their fair dimension, charge, quantity, etc.
On the other hand my cosmic theory doesn't need more than the union of space and time that are transformed into in energy points in the space; being the accumulation of these points (according to the quantity) what gives us the different classes of particles (almost infinite), as well as their fields of forces (gravitational and magnetic depending on their dimensions), and their electromagnetic states depending on the balance of the fields created by these forces.
To say, the union of space an time gives us the complete Cosmos' structuring without the necessity of any other information nor mediation of any other element, and depending on their own properties exclusively (space and motion).



Particles

The same thing that we said of the atomic nuclei is good for particles: "Particles are matter and simple matter".
So as any energy accumulation or matter, particle when are extremely small they hardly can develop magnetic, but alone fields of gravitational capacity with which these small particles can to joint among them to form bigger material accumulations, say, bigger particles.
However as they go growing, particles also go developing their magnetic fields those which at the end reach the necessary potential to acquire consort particles with object of being balanced magnetically.
As example of this, let's look at our level:
If we observe in the external space two sand grains, these didn't create their magnetic fields still, but they can unite with a lot of other to go forming bigger particles until forming important body as it can be a planet, o more as a solar system.
Because well, if they unite a lot of grains of sand and stellar powder they can end up forming an important planet in the cosmic space, which will be already an important matter accumulation, enough to create its own magnetic fields and to attract satellites (moons) to its around.
At atomic level the same thing occurs, and the accumulation of minuscule particles without magnetic fields can end up building big particles as they are leptons, which already develop their magnetic fields and they can attract and order neutrinos to its around.

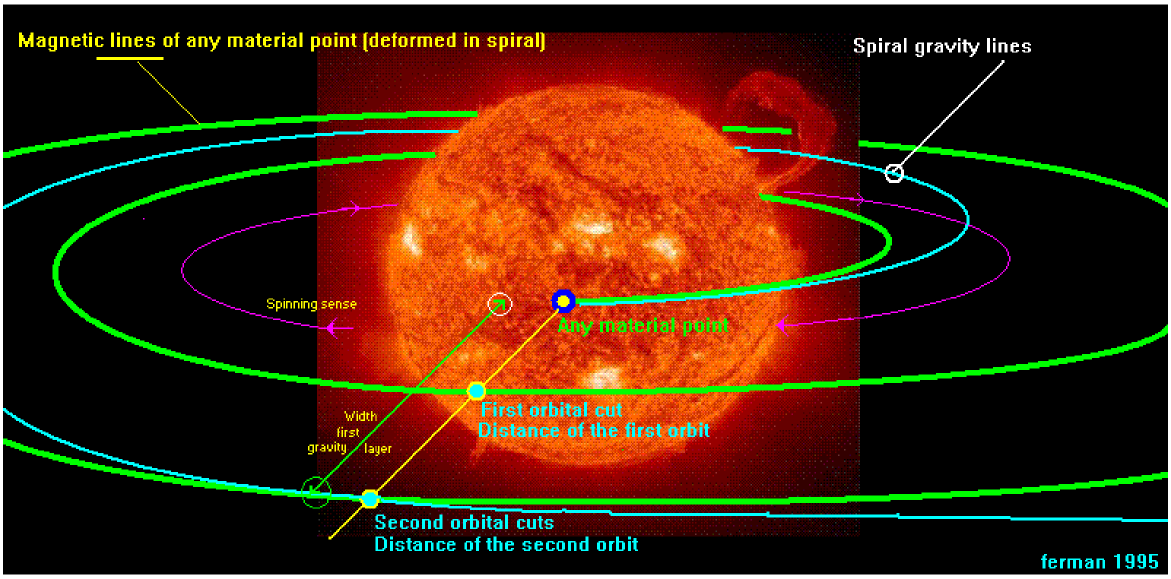
So, any particle (or great nucleus) that develops magnetic fields to its surroundings and these fields are not compensated with orbital (neutrinos, satellites, electrons, planets, etc.) it will behave with positive magnetic charge, that is to say, magnetic charges attractive of orbital ones.
And any particle that has compensated its magnetic fields with orbital ones will behave with neuter or negative charge as it happens in big particles.

In this same sense, an electron with its magnetic orbits occupied by neutrinos will be an electron with negative (more or less) polarity.
An electron with its magnetic fields not occupied will be a positron, with potential of attraction for neutrinos. And when these neutrinos are captured, the positron becomes a lepton or electron.

And this is the behaviour of all the particles.

Summarizing:

0. - General principle:
All material accumulations (E.g. nuclei, lepton, particles, etc.) create to their surroundings gravitational and magnetic fields, which determine and organize the interrelation with the other material cosmic bodies, attracting them, locating them and maintaining them inside their action fields and in the places and appropriate orbits. For it, when spinning the nuclei or big particles, the spiral deformation of their magnetic fields create defined orbits with power to attract, locate and possess to other small cosmic bodies rotating on these orbits, with which the magnetic fields of the system are compensated and balanced.



1.- As the solar nuclei, the atomic nuclei form a single uniform body without differentiated particles.
Therefore the atomic nuclei don't contain particles such as protons, neutrons, quarks, etc. neither they contain different positive or negative charges nor different spins, etc.
Therefore, the "atomic nuclei are matter and simple matter."
This way, like the solar nuclei, the atomic nuclei when being matter and only matter they produces around them gravity fields and magnetic fields, and this magnetic fields in turn, create magnetic orbits on which the electrons are attracted, located, maintained and fixed, orbiting around these atomic nuclei.

2.- As in supernovas, when an atomic nucleus is destroyed this will give us infinite pieces of matter of all type and sizes, those which have the capacity of creating to its surroundings its own gravitational and magnetic fields as all material, which allows and manages the interrelation with the other particles.
The size or quantity of matter of each particle determines the power of the magnetic fields of this particle, and so, the power of capturing to other smaller particles or to be captured by other bigger ones.
Therefore it is the magnetic and gravitational power of each particle what gives it its interrelation power with the other ones.

3.- As planets, all the electrons or leptons are different in size and gravitational and magnetic power, from the small electrons until the big tau.
The quantity of mass of each lepton will determine its capacity to create gravitational and magnetic fields around it, on which, the lepton will capture and order to the necessary neutrinos to compensate these magnetic fields.

4.- As moons, all the neutrinos have different sizes and gravitational and magnetic power, which allow them to be welcomed, fixed and located in the adequate and prepared orbits by their lords, the leptons.

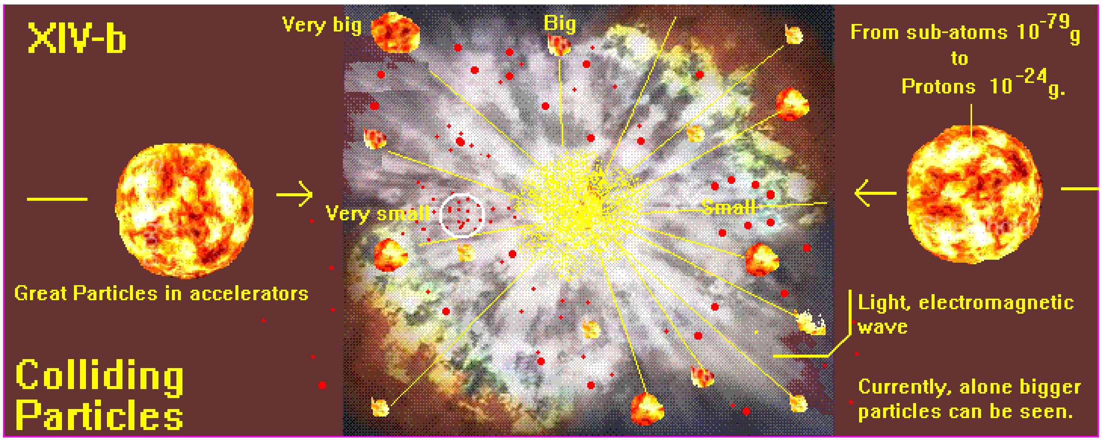
5.- The mass of all atomic particles can be measured by means of the relation-coefficient (Cr) between the particles of our level and the subatomic level.(Approx. Cr = $^{55}6,28$).- (E.g. mass-planet / Cr = mass-electron)

Earth / Cr = Equivalent electron
^{27}5,9 gms / ^{55}6,28 = $^{-28}$0.95 grms.

Jupiter / Cr = Equivalent electron (tau)
^{30}1,9 gms / ^{55}6,28 = $^{-26}$3 grms.

Our Moon / Cr = Equivalent neutrino
^{25}7.35 gms / ^{55}6,28 = $^{-30}$1,17 grms.

6.- The speed of all particles in the same one in all the levels, either at stars' level or at atomic levels: (p. e. an electron goes to the same speed than a planet)



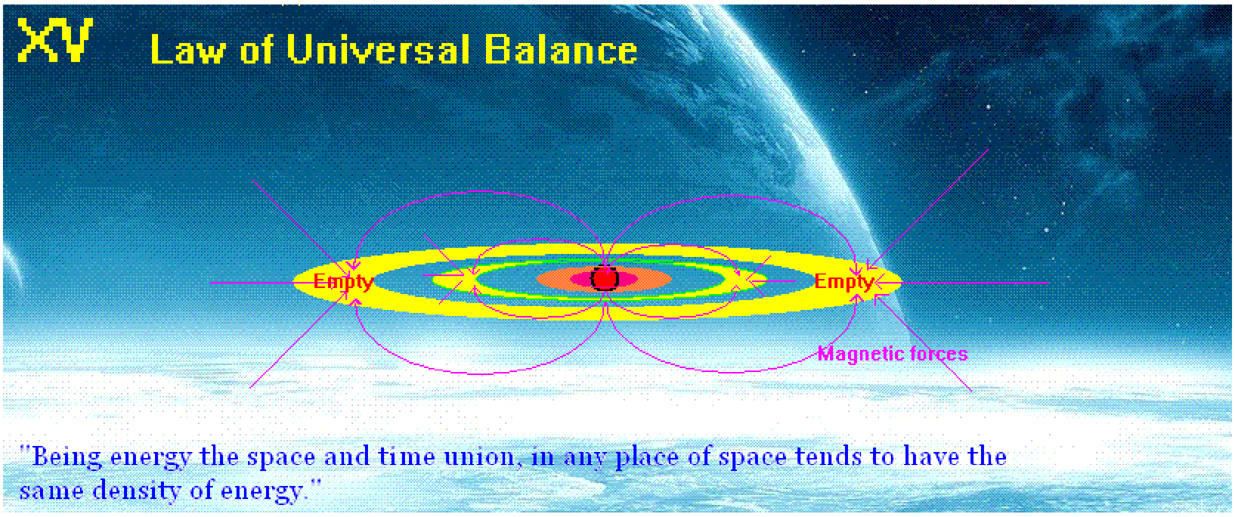
Particles in accelerators

As we have said, particles are matter and only matter, and their number is almost infinite as we see subsequently.
From the biggest sub-atomic particle, as we can consider to the proton or hydrogen's nucleus (10^{-24} grams), until the smallest sub-atomic particles as we can consider to the sub-atom (10^{-79} grams), all and each one of them is matter and uniquely matter.
This way, as any quantity of matter among these two values is considered as a sub-atomic particle, because we see that the number of particles theoretically existent it is of approximately 10^{55}, with many variants.

Now then, as we are referring to the accelerators of particles, we will revise this theme.

If we take two particles (as for example protons) and we accelerate them and make collide among them, then they will break being possible obtain a single particle if the crash is soft and appropriate; or two or more resulting particles if the crash is of more intensity.
As in the accelerators of particles what we search is to give great impulse and crash speed to destroy the particles, because depending on the impulse and crash speed will be able to obtain from several big particles until the total disappearance of our observation of the whole matter contained in the two protons; of course, due to that these have been divided in particles of so little mass that alone we can observe them as photonic particles.

Then the number of attainable particles in a collision can be considered almost limitless.



Law of Universal Balance.

The **Law of Universal Balance** tells us that:

1.- In the whole cosmic space tends to have the same energy density."

2.- If imbalances of energy or masses take place in the Cosmos, from these imbalances the Magnetic Force is born, which tries to rebalance and re-establish again the half density of energy that the Cosmos has by nature.

We have seen at the beginning that the Energy is born of the union of space and time in a single element.
Therefore the resulting energy has to be in all the places of the space since it is the same space who structures to this energy.
But as we have seen the energy, by means of their gravitation character, is good to unite to form energy and matter accumulations what breaks the initial balance of energy allotment through space.
And in fact of this imbalance, and to treat to correct it as much as possible, it is of where the Magnetic Force that tends to re-distribute again the energy for its initial and natural space is born.

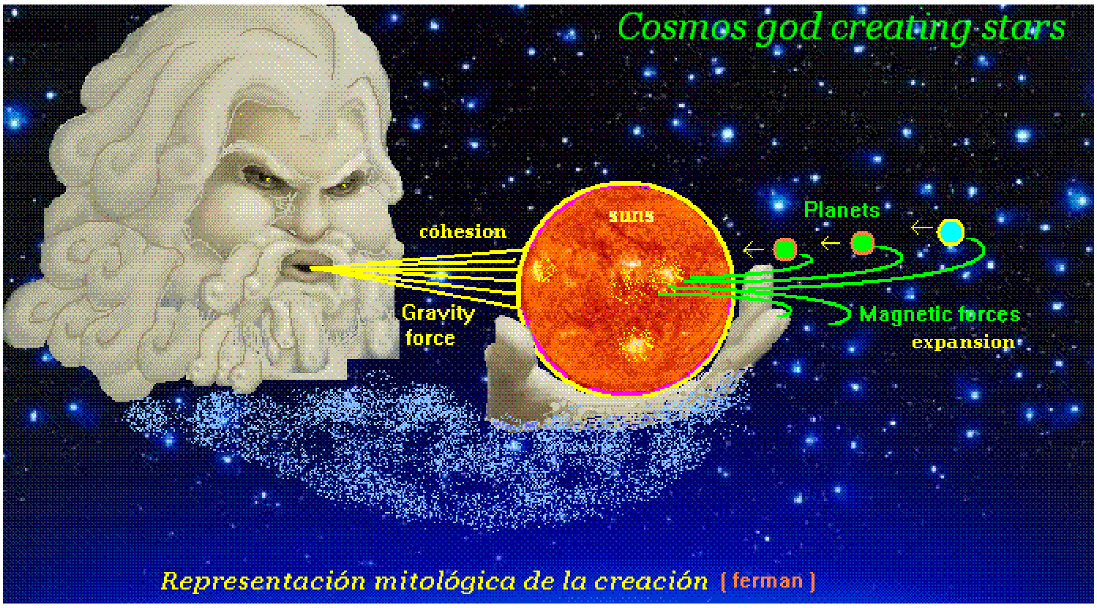
In this sense we could say that in order to the structuring and execution of these principles, the magnetic force would act in two main ways:

A. - The main one: The interior or System Magnetic Force that would define and structure the magnetic orbits of the systems (nuclei with their orbital ones) and pre-systems (particles with accompanying particles).

b. - The secondary: The external Magnetic Force that would impel from the exterior to the necessary particles to complete and rebalance the systems.



In cosmology, maybe more than in other physical topics, we usually speculate a lot about the different cosmic elements.
And many times are given as good or real to many elements of the theoretical physics without almost having any test for it; single theories based on other theory.
However, once already mounted the theory on any element, coarse a simple observation not completely understood they are attributed to that physical element for its needed justification and existence.
And that is what happens for example with the black holes and with anti-matter.
--As example, we say that in the centre of any galaxy a black hole exists for the simple reason of having measured great gravitational effects in the centre of this galaxy.
And we say: "For its gravitational effect, it has been demonstrated that in the centre of such a galaxy a black hole exists whose gravitational potential would be similar to 3.000 stars".
But as I try of explaining in the page "The galaxies nuclei" what really exists is a semi-compact nucleus with those 3.000 stars.
--In the case of the anti-matter similar thing happens.
The matter, as we have seen before, it is a form of the energy in condensed state, that is to say, cosmic energy structured in matter form.
And keeping in mind that the matter is energy; that the energy is space-time; and when not existing anti-space, anti-time, anti-energy; because neither the anti-matter exists.
And now, a mythological representation of the Universo creation by the god Cosmos.



Thank all you. ferman.